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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/917,264	07/27/2001	Colin P. Britton	0103488-00003	7813
21125	7590	04/07/2005	EXAMINER	
NUTTER MCCLENNEN & FISH LLP WORLD TRADE CENTER WEST 155 SEAPORT BOULEVARD BOSTON, MA 02210-2604			ABEL JALIL, NEVEEN	
			ART UNIT	PAPER NUMBER
			2165	

DATE MAILED: 04/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/917,264	BRITTON ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Neveen Abel-Jalil	2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 22 November 2004.
- 2a) This action is FINAL.                                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 27-30,34,35,39-41,43,44 and 53 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 43 and 44 is/are allowed.
- 6) Claim(s) 27-30, 34, 39-41, and 53 is/are rejected.
- 7) Claim(s) 35 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

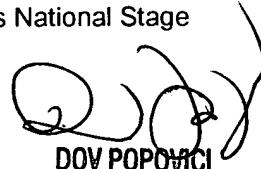
#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.



DOV POPOVCI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.

- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

**DETAILED ACTION**

1. In view of the Appeal Brief filed on 22-November-2004, PROSECUTION IS HEREBY REOPENED. *A new ground of rejection is set forth below.*

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

2. Amendment filed on August 19, 2004 has been entered. Claims 1-26, 31-33, 36-38, 42, and 45-52 have been cancelled. Therefore, claims 27-30, 34-35, 39-42, 43-44, and 53 are now pending.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 27-30, 34, and 39-41 are rejected under 35 U.S.C. 102(e) as being anticipated by Delcambre et al. (U.S. Pub. No 2002/0059566 A1).

As to claim 27, Delcambre et al. discloses a digital data processing method for enterprise application integration comprising:

storing, in a data store, RDF triplets representing transactional information received from each of a plurality of databases (See Delcambre et al. pages 1-2, paragraph 0012, also see Delcambre et al. abstract),

displaying on a browser a markup language documents that (See Delcambre et al. page 8, paragraph 0079)

(i) generates one or more queries for application to the data store (See Delcambre et al. pages 6-7, paragraph 0067),

(ii) presents, via the browser, content generated from the data store in response to the one or more queries (See Delcambre et al. pages 6-7, paragraph 0067),

where the markup language document identifies user interface components to display said content (See Delcambre et al. page 7, paragraphs 0073-0074).

As to claim 28, Delcambre et al. discloses wherein at least one of the databases stores additional data in a form other than as RDF triplets (See Delcambre et al. page 4, paragraph 0051, also see abstract).

As to claim 29, Delcambre et al. discloses wherein the markup language document identifies the queries to be generated in response to one or more user selections and/or responses to user-input controls specified by that document (See Delcambre et al. page 2, paragraphs 0031-0032).

As to claim 30, Delcambre et al. discloses wherein the markup language document identifies one or more menus, button bars or other controls that allow the user to specify a search or otherwise modify the content presented via the browser (See Delcambre et al. page 1, paragraph 0007, prior art).

As to claim 34, Delcambre et al. discloses wherein the steps of receiving and transmitting information using the first protocol includes receiving and transmitting an RDF triplet representing any of marketing information or an e-commerce or other transaction (See Delcambre et al. page 3, paragraph 0043).

As to claim 39, Delcambre et al. discloses a digital data processing method for enterprise application integration comprising  
storing, in a data store, RDF triplets representing transactional information received from each of a plurality of databases (See Delcambre et al. pages 1-2, paragraph 0012, also see Delcambre et al. abstract),  
displaying on a browser a markup language document that (See Delcambre et al. page 8, paragraph 0079)

(i) generates one or more queries one or more queries for application to the data store in response to one or more user selections and/or responses to user-input controls specified by that document (See Delcambre et al. page 3, paragraph 0079),

(ii) presents, via the browser, content generated from the data store in response to the one or more queries (See Delcambre et al. pages 6-7, paragraph 0067),

where the markup language document identifies user interface components to display said content (See Delcambre et al. page 7, paragraphs 0073-0074),

generating a directed graph from the RDF triplets (See Delcambre et al. page 1, 0005, prior art, also see Delcambre et al. page 9, paragraph 0083).

As to claim 40, Delcambre et al. discloses comprising the step of generating the directed graph in response to a said query (See Delcambre et al. page 1, paragraph 0005, prior art).

As to claim 41, Delcambre et al. discloses wherein the steps of receiving and transmitting information using the first protocol includes receiving and transmitting an RDF triplet representing any of marketing information or an e-commerce or other transaction (See Delcambre et al. page 3, paragraph 0043, also see Delcambre et al. page 4, paragraph 0051).

5. Claim 53 is rejected under 35 U.S.C. 102(e) as being anticipated by Mui et al. (U.S. Pub. No. 2003/0229529 A1).

As to claim 53, Mui et al. discloses a digital processing method for enterprise application integration comprising:

removing redundancies in the RDF triples (See Mui et al. page 79, paragraph 1126) by executing the steps of:

- i) comparing sequential levels of objects of the RDF triples (See Mui et al. page 54, paragraph 0861),
- ii) determining a confidence level that two or more triplets represent redundant information (See Mui et al. page 86, paragraph 1258).
- iii) merging into a bag triples determined to be redundant on a basis of that confidence level (See Mui et al. page 53, paragraphs 0846-0847, also see page 75, paragraph 1072).

***Allowable Subject Matter***

6. Claim 35 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. The following is a statement of reasons for allowance:

The prior art of record (Delcambre et al. -U.S. Pub. No 2002/0059566 A1-and-Mui et al. -U.S. Pub. No. 2003/0229529 A1) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), applying the query to one or more of the plurality of databases using respective applications program interfaces (“API”), retrieving

information from the one or more databases in response to the applied query, converting that retrieved information into said RDF triplets, as claimed in dependent claim 35.

***Reasons for Allowance***

8. Claims 43-44 are allowed over the prior art made of record.

9. The following is a statement of reasons for allowance:

The prior art of record (Delcambre et al. -U.S. Pub. No 2002/0059566 A1-and-Mui et al. -U.S. Pub. No. 2003/0229529 A1) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), applying the query to one or more of the plurality of databases using respective applications program interfaces (“API”), retrieving information from the one or more databases in response to the applied query, converting that retrieved information into said RDF triplets, as claimed in claim 43.

Claim 44 is allowed over the prior art made of record, because it is dependent from the allowed independent claim 43.

***Conclusion***

***Points of Contact***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5: 30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 571-272-4038. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
March 24, 2005



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